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**WHAT IS CLAIMED IS:**

1. A method for producing a continuous living tissue construct comprising allowing edge contact of at least two separate cell populations maintained in culture, each cell population forming a living tissue, for a period of time sufficient for assembling of said at least two cell populations into a single continuous living tissue construct.
2. The method of claim 1, wherein said cell populations are partially or totally confluent.
3. The method of claim 1, wherein said cell population are embedded into a gel before being placed in culture for allowing edge contact.
4. The method of claim 3, wherein said gel is a collagen gel.
5. The method of claim 1, wherein said cell populations are composed of homologous or heterologous cells.
6. The method of claim 1, wherein said cell populations are composed of mammalian cells.
7. The method of claim 1, wherein said cell populations are composed of cells selected from the group consisting of mesenchymal cells, muscle cells, or fibroblasts.
8. The method of claim 7, wherein said muscle cells are smooth muscle cells.

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9. The method of claim 1, wherein said cell populations comprise at least one type of cells.
10. The method of claim 1, wherein said living tissue is a sheet comprised of at least one cell layer.
11. The method of claim 1, wherein at least one of said cell populations is a single cell layer, a tri-dimensional tissue construct or a tissue graft.
12. The method of claim 1, wherein at least one of said cell populations comprises genetically transformed cells.
13. The method of claim 1, wherein said cell populations are separated by a separator.
14. The method of claim 13, wherein said separator is impermeable or allows selective passage of components contained in a culture medium.
15. The method of claim 1, wherein said contact is caused by removal of a separator between the at least two cell populations, or by placing said cell populations in contact.
16. A method for producing a tubular tissue construct comprising rolling the continuous tissue construct of claim 1.
17. The method of claim 16, wherein said tubular tissue construct is a blood vessel.

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18. A single continuous tissue construct produced by the method of claim 1.

19. The single continuous tissue construct of claim 18, wherein said living tissue sheets are composed of homologous or heterologous types of cells.

20. The single continuous tissue construct of claim 19, wherein said types of cells are mammalian cells.

21. The single continuous tissue construct of claim 19, wherein said types of cells are selected from the group consisting of mesenchymal cells, muscle cells, or fibroblasts.

22. The single continuous tissue construct of claim 21, wherein said muscle cells are smooth muscle cells.

23. The single continuous tissue construct of claim 18, wherein at least one living tissue sheet comprises at least one type of cells.

24. The single continuous tissue construct of claim 18, wherein said living tissue sheet comprises at least one cell layer.

25. The single continuous tissue construct of claim 18, wherein said living tissue sheets are placed in edge contact after removal of a separator to form said continuous tissue construct.

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26. The single continuous tissue construct of claim 25, wherein said separator is impermeable or allows selective passage of components contained in a culture medium in which are maintained said living tissue sheets.

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